stomdevice

# I AM POWERFUL

## PIEZOTOME CUBE

**LESS TRAUMA**
**LESS DRAMA**




SEE PAGE 6



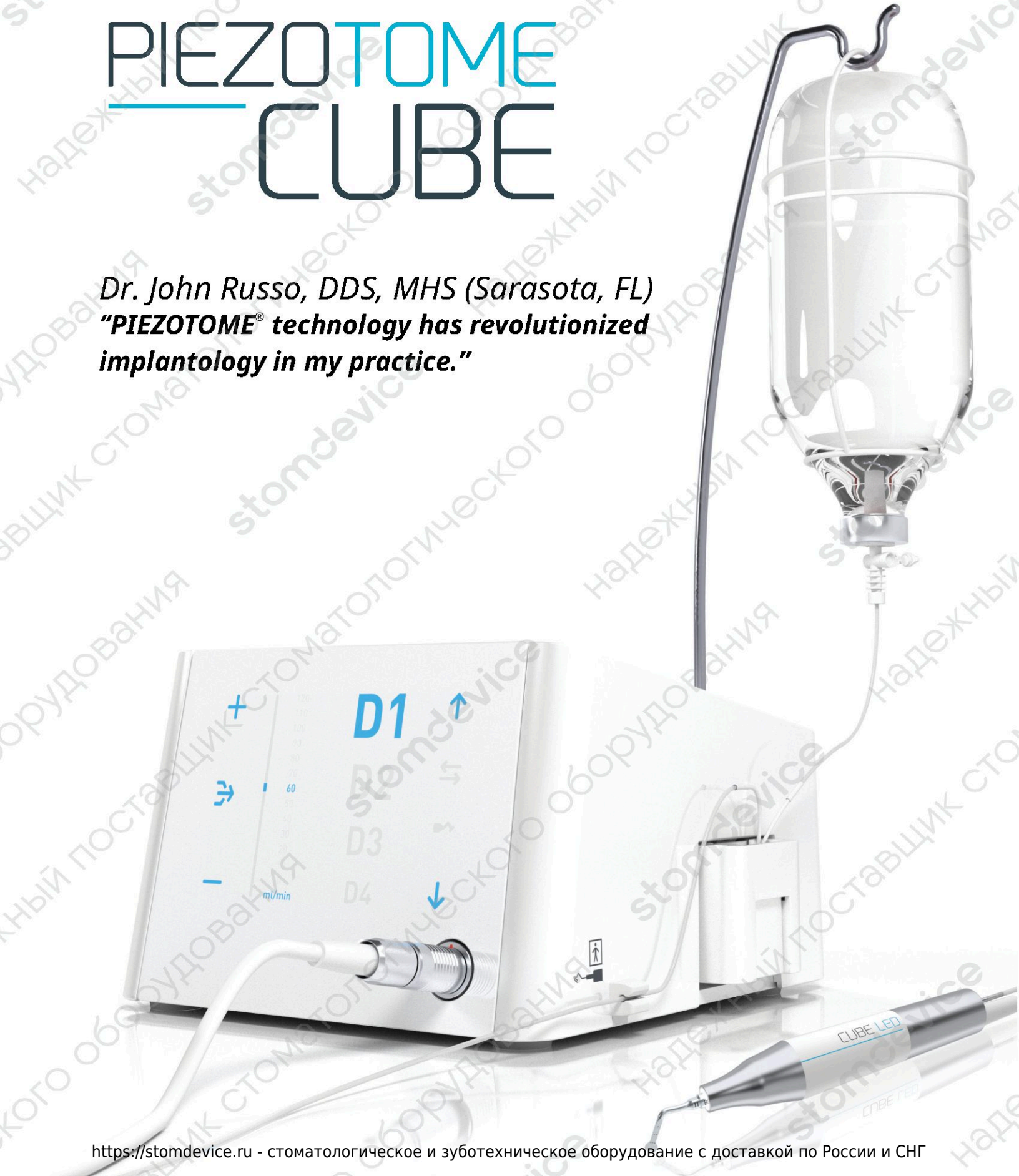

ACTEON

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

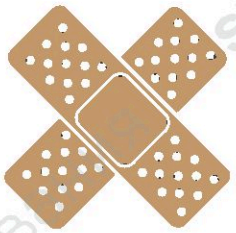
# PIEZOTOME CUBE

*Dr. John Russo, DDS, MHS (Sarasota, FL)*
***"PIEZOTOME® technology has revolutionized implantology in my practice."***



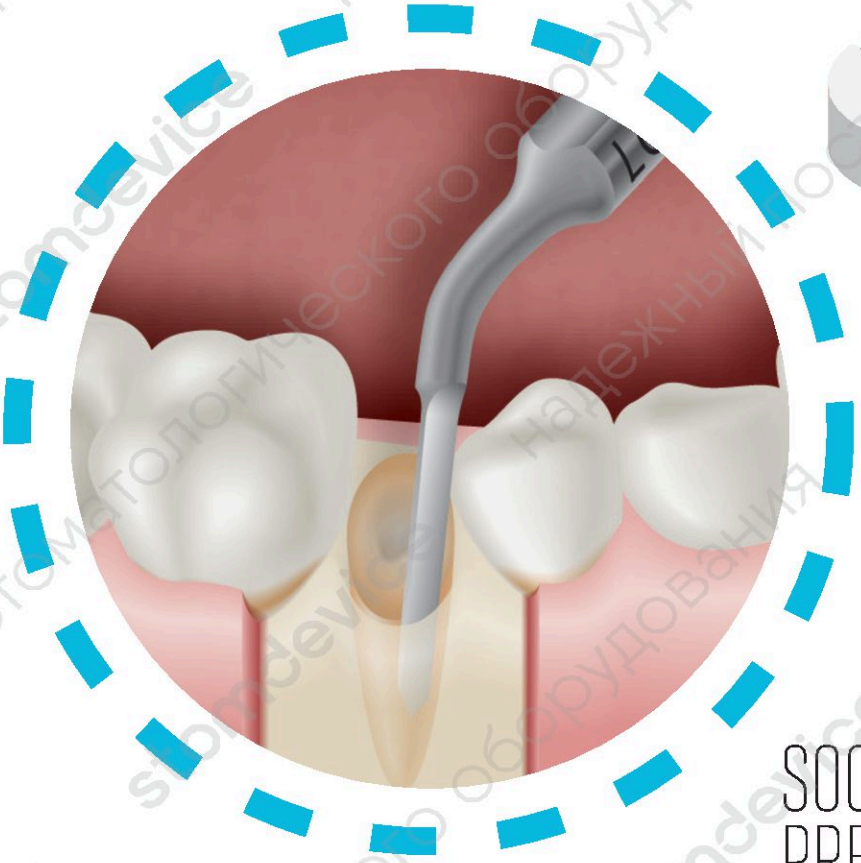

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

# EXPAND YOUR EXPERTISE WITH ATRAUMATIC EXTRACTIONS

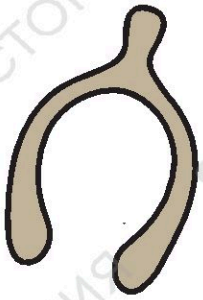


LESS TRAUMA

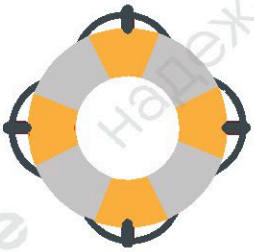
DECREASED PAIN & SWELLING POST-OP







SAVE MORE BUCCAL BONE



SOCKET PRESERVATION



MORE PREDICTABLE



LESS BLEEDING



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

# CUBE PROCEDURES



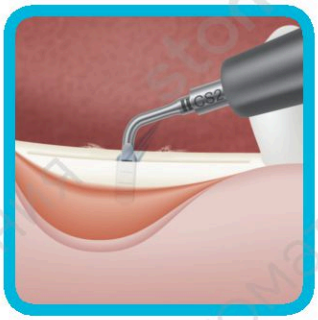
## BONE SURGERY

**Osteotomy/Osteoplasty**

Clean and thin cut for maximal bone volume grafts

*Ref. F87509*



## CREST SPLITTING

Rapid and minimally invasive technique for controlled ridge splitting

*Ref. F87567*






## SINUS LIFT

**Lateral Sinus Lift**

Unbeatable comfort: selective and hemostatic cut

*Ref. F87519*




https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

*50% Less pain and swelling with PIEZOTOME® surgery [3]*



## INTRALIFT™

**Crestal Sinus Lift**

Minimally invasive surgery for smooth internal sinus elevation

*Ref. F87536*






## CROWN EXTENSION

**Crown Lengthening**

Incomparable precision and accessibility

*Ref. F87554*






**BS1-2 Long**
15mm Cutting Depth
Ref. F87527

**BS1-RD**
Rounded Bone Saw
for easier access
Ref. F87557




YouTube

Watch all our clinical protocols on the ACTEON North America YOUTUBE channel



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

# EXTRACTIONS: LESS TRAUMA, LESS




## EXTRACTIONS WITH IMMEDIATE IMPLANT PLACEMENT

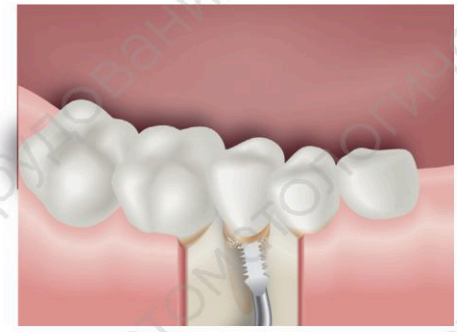
Extractions can sometimes be difficult.
With **PIEZOTOME® Cube**, make them simple and less traumatic:

- **Preserve more bone**
- **Faster healing**
- **Less post-operative swelling**
- **Like a "powered periotome"**







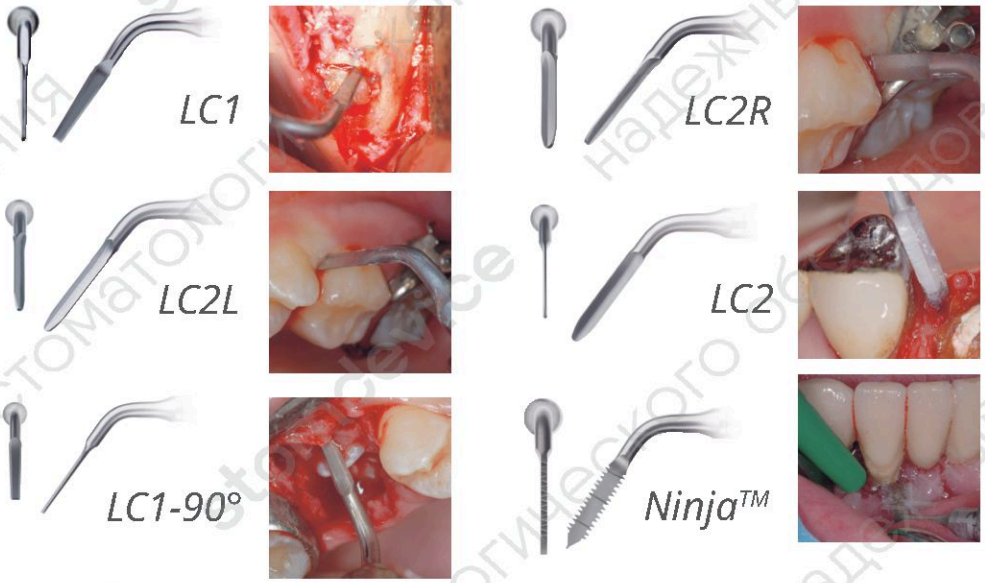


**EXTRACTION**
**Syndesmotomy**
For maximum bone preservation
*Ref. F87546*

- **Reduce the risk of buccal plate fracture and other complications**
- **Increase bone preservation and extraction procedure predictability**
- **Tips follow the contour of teeth and bone**

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

## 1. Choose the appropriate tip according to the tooth location or root section



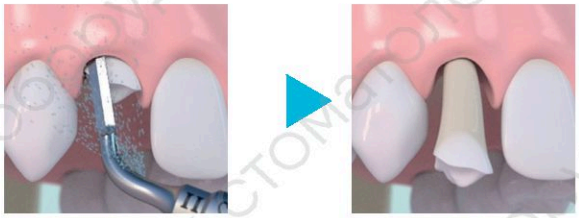

**6 TIPS FOR VIRTUALLY ANY TOOTH IN ANY PATIENT**

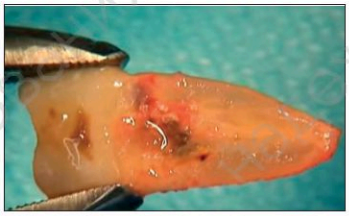
## 2. Activate the tip before its insertion. Use an up and down motion to help cool down the end of the tip*

*Very important!



## 3. Gently move around the tooth until complete avulsion and extract the root in one piece





Courtesy of Pr. F. Louise



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

# CLINICAL BENEFITS AT EACH STAGE

## INTRA-OPERATIVE



### SAFETY

- Cutting selectivity: soft tissue is preserved (nerves, membranes and arteries)
- Intraosseous temperature is under control



### PRECISION

- Fine and consistent cut on all types of bone
- Minimal bone loss for less invasive procedure



### COMFORT

- New automatic power control for smooth and effortless cut
- Easy bone access with exclusive tip designs

*« **PIEZOTOME**® surgery is superior in atraumaticity and soft-tissue safety (...) No lesions of the mandible nerve were detected with **PIEZOTOME**® surgery.[3] »*

*« **THE PIEZOTOME**® produced the smallest increase in intraosseous temperature.[4] »*

***Prof. Dr. Marcel Wainwright (Sweden) -** "**PIEZOTOME**® has made my surgeries more predictable, easier, faster and significantly less traumatic which also helped increase the number of patients I have. Both surgeons and patients do benefit equally."*

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

# OF YOUR SURGERY



## VISIBILITY

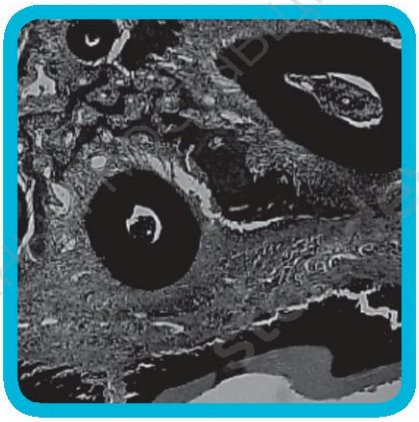
- Consistent irrigation flow
- Cavitation: microbubbles releasing oxygen has a hemostatic effect

## POST-OPERATIVE



## SUPERIOR OUTCOMES

- Reduced pain
- Less analgesics
- Limited edema



## GREAT HEALING

- Predictable
- Fast recovery
- Bone densification

*86% of the patients were observed with no postsurgical swelling and 87% had no postsurgical pain.*[5]

*The healing at the clinical level is much more predictable and much less painful. The amount of demineralization created (...) minimizing trauma, discomfort, and enhancing patient's acceptance.*[6]



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

# UNLEASH THE POWER OF PIEZOTOM

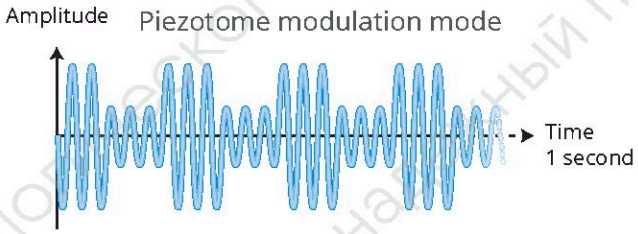
## NEWTRON TECHNOLOGY

**PIEZOTOME**® ultrasonic surgery is guided by patented **NEWTRON**® technology. The handpiece and tips are perfectly tuned to ensure the best performance with unique clinical benefits, to tackle each surgery with confidence.

## MODULATION

**PRESERVATION**

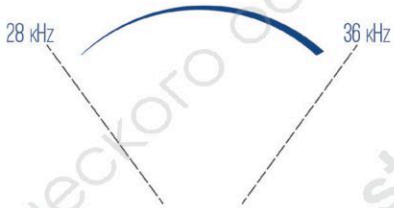
- Alternation between high and low intensity
- Soft tissue preservation with better tissue recovery and cell regeneration




## FREQUENCY

**EFFICACY**

- Automatic adjustment 28-36kHz according to every tip's shape and weight
- Maximum performance for each procedure




## POWER

**COMFORT**

- Automatic power regulation based on the resistance encountered
- Continuous vibration even in dense bone
- Faster procedures





https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

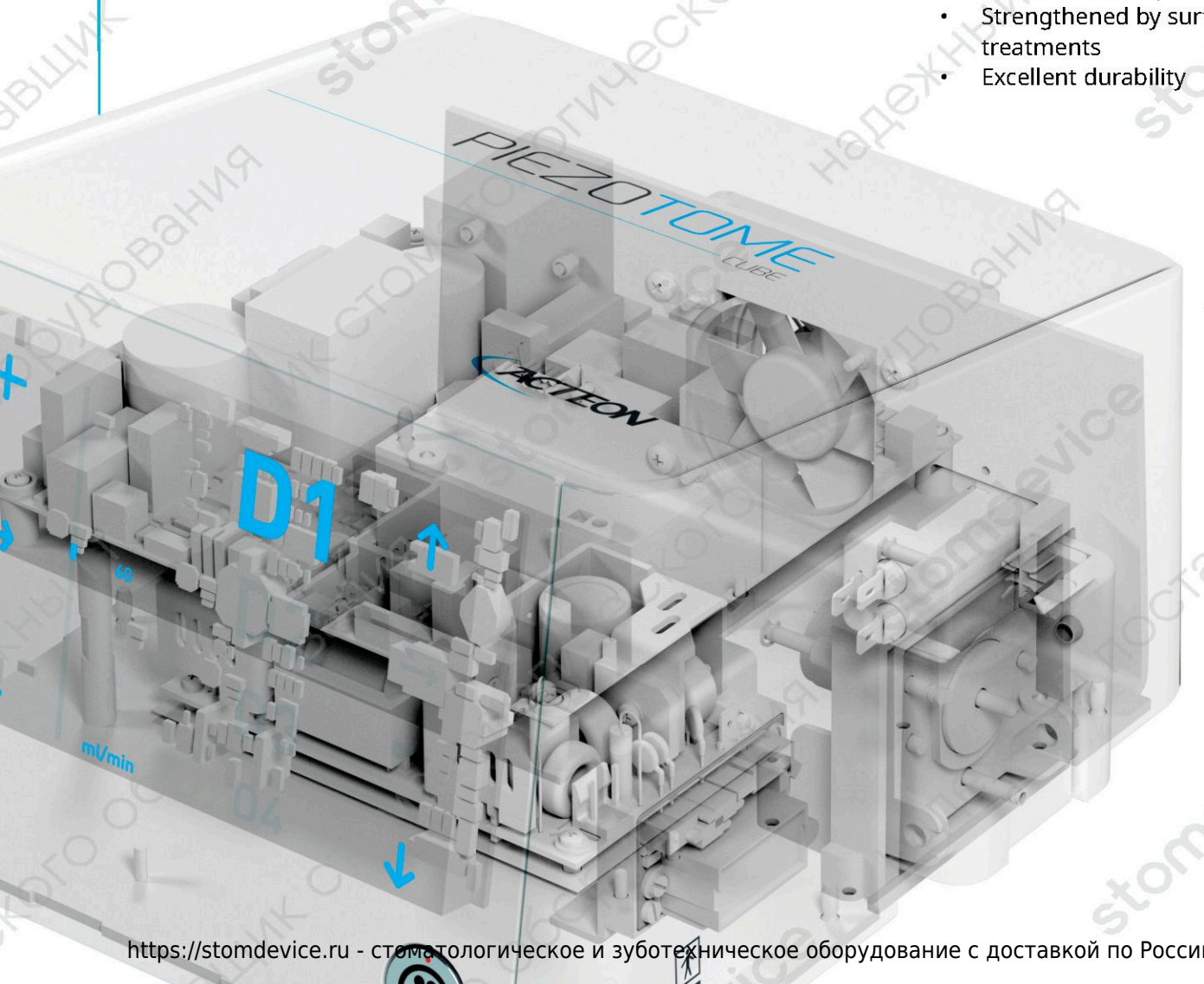
# CUBE LED HANDPIECE

- Upgraded design
- The most power ever
- Lighter with perfectly balanced design for less fatigue
- 360° LED light ring for tissue distinction and posterior area visibility




## TIPS

- Many exclusive designs
- Clinical versatility
- Strengthened by surface treatments
- Excellent durability






https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

# POWER WHEN YOU NEED IT MOST

## POWERFUL AND SMART

DPSI

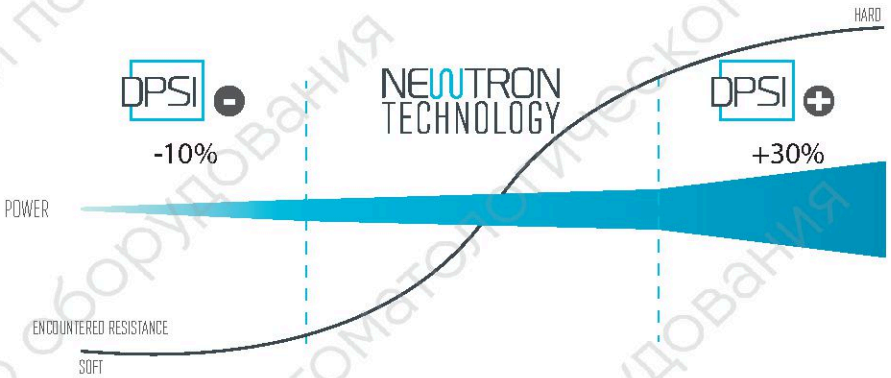
**Dynamic Power System Inside**
**POWER INTUITIVELY ADAPTED FOR MAXIMUM EFFICIENCY & SAFETY**

According to the resistance encountered, the **D.P.S.I.** smart assistance will:

**Increase the power +30% improving cutting performance**
**Decrease the power -10% to be even safer on soft tissues**

### WITH THE D.P.S.I., GET

- **The most power for the fastest cutting on the market**
- **Tip will not get "bogged" down or stop in deep cuts or dense bone**
- **Immediate power responsiveness**
- **Special starting boost for a smooth and effortless cut**







## STYLISH

- Touch screen for easy control of major settings
- Compact unit
- Perfect asepsis

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ






# TOTAL ADAPTABILITY

Autoclavable handpiece holder with 2 positions protecting from accidental fall:

- Clip to the table
  or
- Rest on the table top




***Dr. Jay B. Reznick, DMD, MD***
*"The dynamic power of* ***PIEZOTOME® Cube*** *cuts easier and with less pressure than other ultrasonic devices."*



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

# CUBE MAKES THE DIFFERENCE




## MAKE IT EASY




- Consistent irrigation flow reaches the tip's end with decreased heating and a reduced risk of bone necrosis
- Sterile, single-use irrigation lines delivered with device (sterilizable lines available upon request)

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

# DURABILITY

**PIEZOTOME® Cube** accessories are designed with strong materials like stainless steel

**TORQUE WRENCH PREVENTS STRIPPING THE HANDPIECE**
- Saves precious time



**PERFECT ASEPSIS**
- All tips, accessories and the handpiece are autoclavable





**EXTRACTION KIT**
6 tips for maximum bone preservation
*LC1, LC1-90°, LC2, LC2L, LC2R, Ninja® tips*
*Ref. F87546*

# GLOBAL SOLUTION FOR IMPLANTOLOGY




**implantProtect**
*Pure Titanium*
Specially designed tips for implant care and maintenance






**NEWTRON**
For use with ImplantProtect Tips

**XMIND trium**
3D technology to measure volume and assess bone density



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

## EQUIPMENT DELIVRED WITH

- 1 CUBE LED handpiece
- 1 torque wrench
- 1 multifunction foot pedal
- 1 irrigation bracket
- 1 handpiece holder
- 5 sterile, disposable irrigation lines
- 5 autoclavable irrigation clips

## UNIT DIMENSIONS

- Length 9.8 in x Height 6.3 in x Depth 10.7 in
- Weight: 7.7 lbs

## FOOT PEDAL DIMENSIONS

- Length 6.8 in x Height 5.5 in x Depth 6.9 in
- Weight: 2.2 lbs

www.acteongroup.com

1. The most sold device according to "Global and Chinese Dental Surgical Ultrasonic Generator Industry", 2010-2020 Market Research Report" published by Prof Research, 2015

2. In vivo assessment of bone healing following PIEZOTOME ultrasonic instrumentation. J. Reside, E. Everett, R. Padilla, R. Arce, P. Miguez, N. Brodala, I. De Kok, S. Nares. Clinical Implant Dentistry and Related Research, June 2013

3. Ultrasonic PIEZOTOME® surgery: is it a benefit for our patients and does it extend surgery time? A retrospective comparative study on the removal of 100 impacted mandibular 3rd molar. A. Troedhan, A. Kurrek, M. Wainwright. Open Journal of Stomatology, 2011

4. Performance of ultrasonic devices for bone surgery and associated intraosseous temperature development. S. Harder, S. Wolfart, C. Mehl, M. Kern. The International Journal of Oral & Maxillofacial Implants, volume 24, number 3, 2009

5. The transcrestal hydrodynamic ultrasonic cavitational sinuslift: results of a 2-year prospective multicentre study on 404 patients, 446 sinuslift sites and 637 inserted implants. A. Troedhan, A. Kurrek, M. Wainwright, I. Schlichting, B. Fischak-Treitl, M. Ladentrog. Open Journal of Stomatology, 3, 2013

6. Tissue response during piezocision-assisted tooth movement: a histological study in rats. S. Dibart, C. Yee, J. Surmenian, J-D. Sebaoun, S. Baloul, E. Goguet-Surmenian, A. Kantarci. European Journal of Orthodontics, 36(4):457-64, 2014

F0395 / OCTOBER 2018

124 Gaither Drive | Suite 140
Mount Laurel | NJ | 08054 | USA
Tel. 1-800-289-6367
Fax. 1-856-222-4726
www.acteongroup.com
info@acteonusa.com

MORE INVENTIVE LESS INVASIVE

ACTEON

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ